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 121  ggctcctgac  caatggggaa  gtggcatgtg  ggagggcgcc  ggggttcccc  ccgccaatgg
 181  ggagctacgg  cgcgcggccg  ggacttggag  gcggtgcggc  gcggcgggtg  cggttcagtc
 241  ggtcggcggc  ggcagcggag  gaggaggagg  aggaggagga  tgaggaggat  gaggaggatg
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 421  aaagacagag  atgtcacatt  ctcaccagcc  actattgaaa  acgaacttat  aaagttctgc
 481  cgggaagcaa  gaggcaaaga  gaatcggttg  tgctactata  tcggggccac  agatgatgca
 541  gccaccaaaa  tcatcaatga  ggtatcaaag  cctctggccc  accacatccc  tgtggagaag
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 901  ccttttgta  atttattttt  taagtgggct  cctgacaata  ctgtatcaga  tgtgaagcct
 961  ggagctttcc  tgatgatgct  ggccctacag  tacccccatg  aggggattcc  cttccttctg
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1081  tttctagctg  tcaaaaaaaa  aaa
```

Fig. 1A

```
   1  mgkwhvggrr  gsprqwgata  rgrdleavrr  ggcgsvgrrr  qrrrrrrrm  rrmrrmwatq
  61  glavrvalsv  lpgsralrpg  dcevcisylg  rfyqdlkdrd  vtfspatien  elikfcrear
 121  gkenrlcyyi  gatddaatki  inevskplah  hipvekicek  lkkkdsqice  lkydkqidls
 181  tvdlkklrvk  elkkilddwg  etckgcaeks  dyirkinelm  pkyapkaasa  ptdl
```

Fig. 1B

```
   1  mwatqglava  lalsvlpgsr  alrpgdcevc  isylgrfyqd  lkdrdvtfsp  atienelikf
  61  creargkenr  lcyyigatdd  aatkiinevs  kplahhipve  kicelkkkd  sqicelkydk
 121  qidlstvdlk  klrvkelkki  lddwgetckg  caeksdyirk  inelmpkyap  kaasartdl
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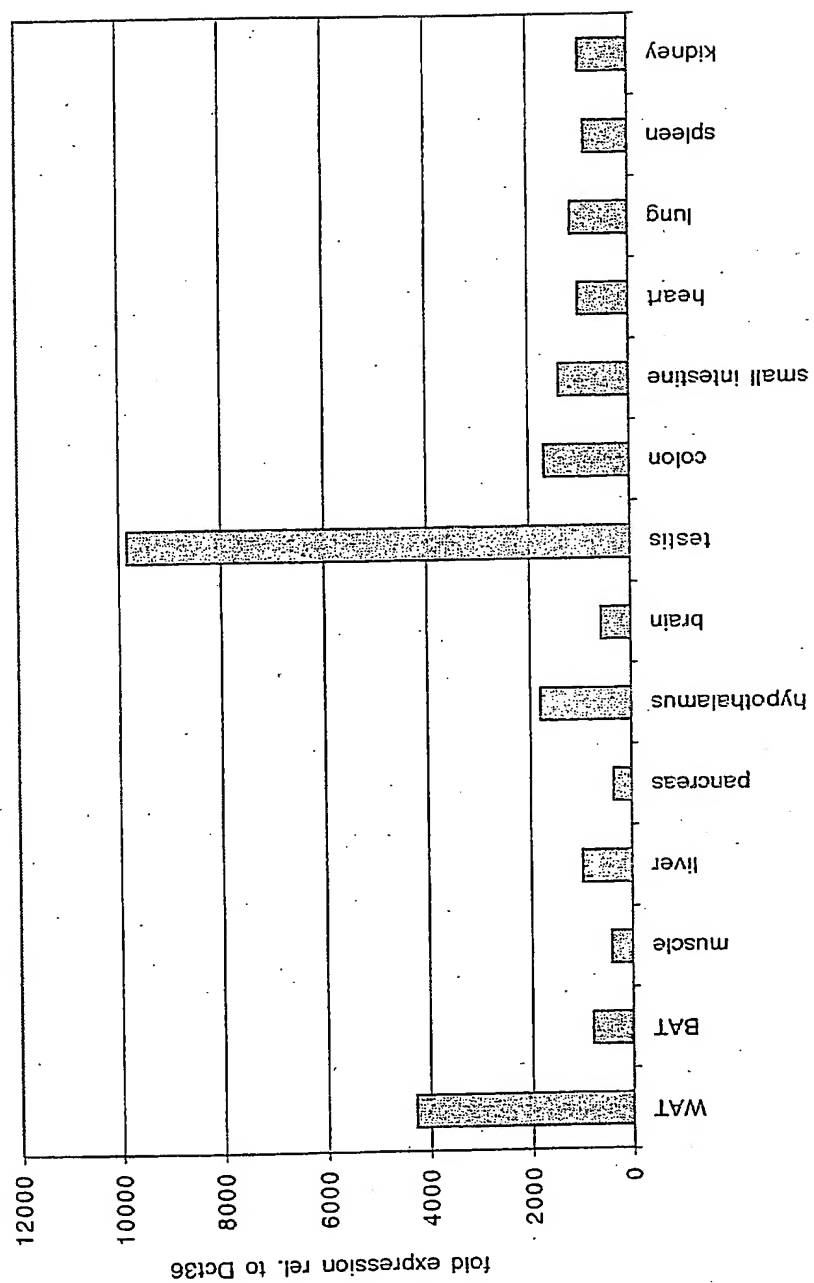
Fig. 1C

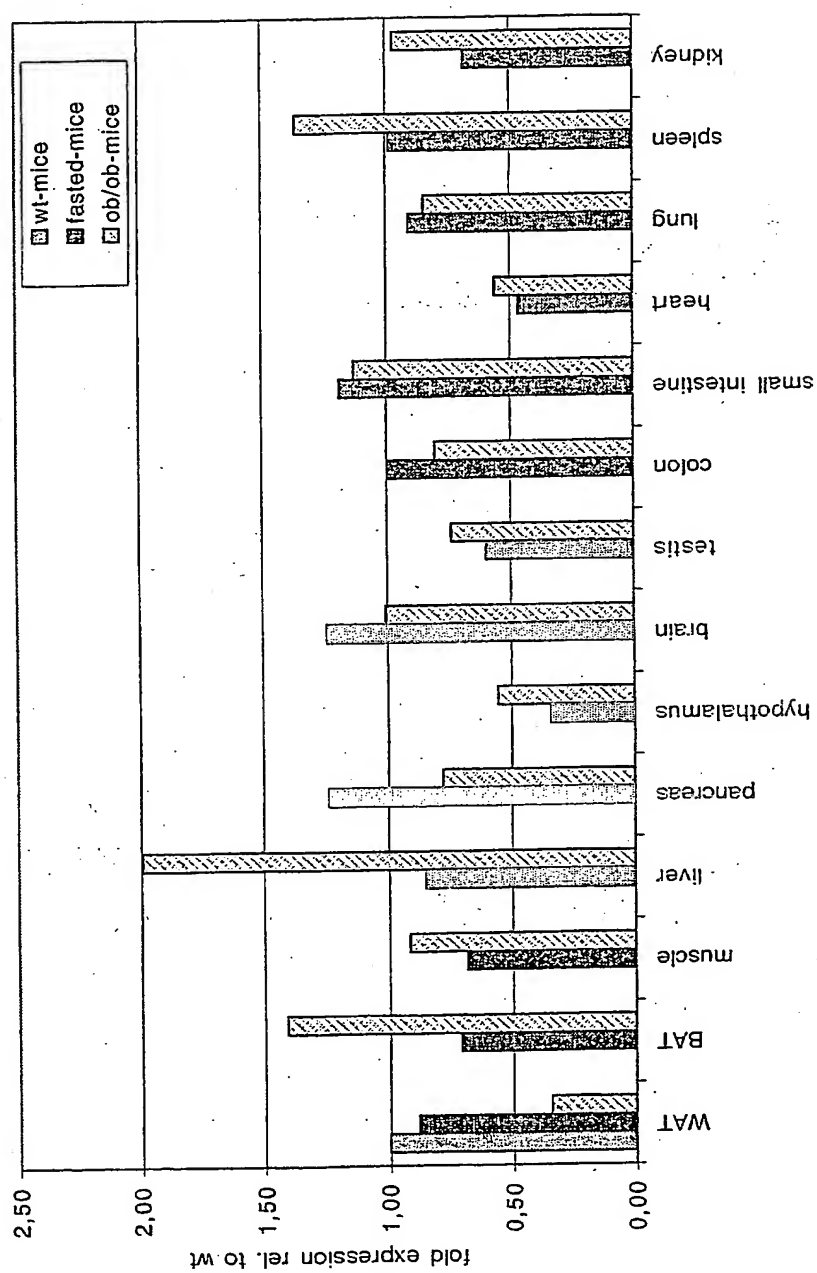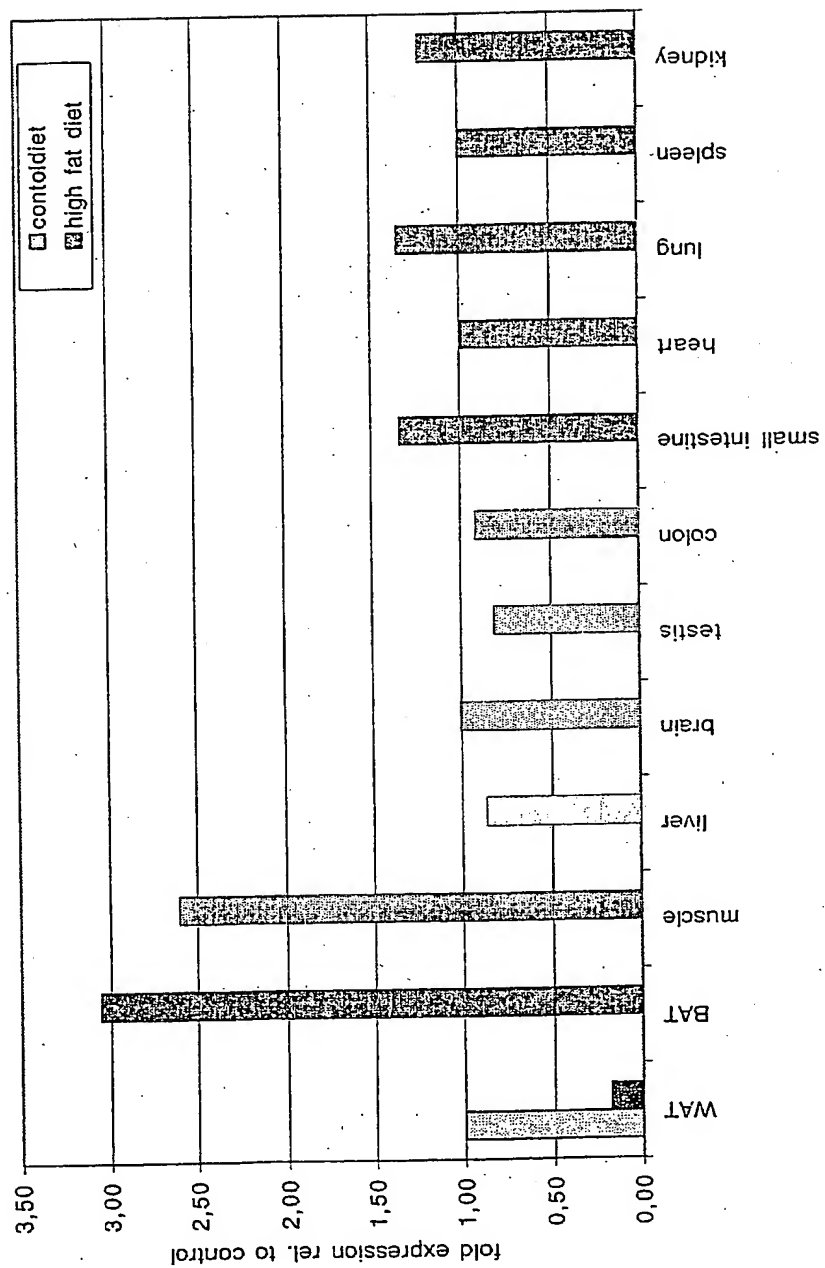Fig. 2A

Fig. 2B

Fig. 2C
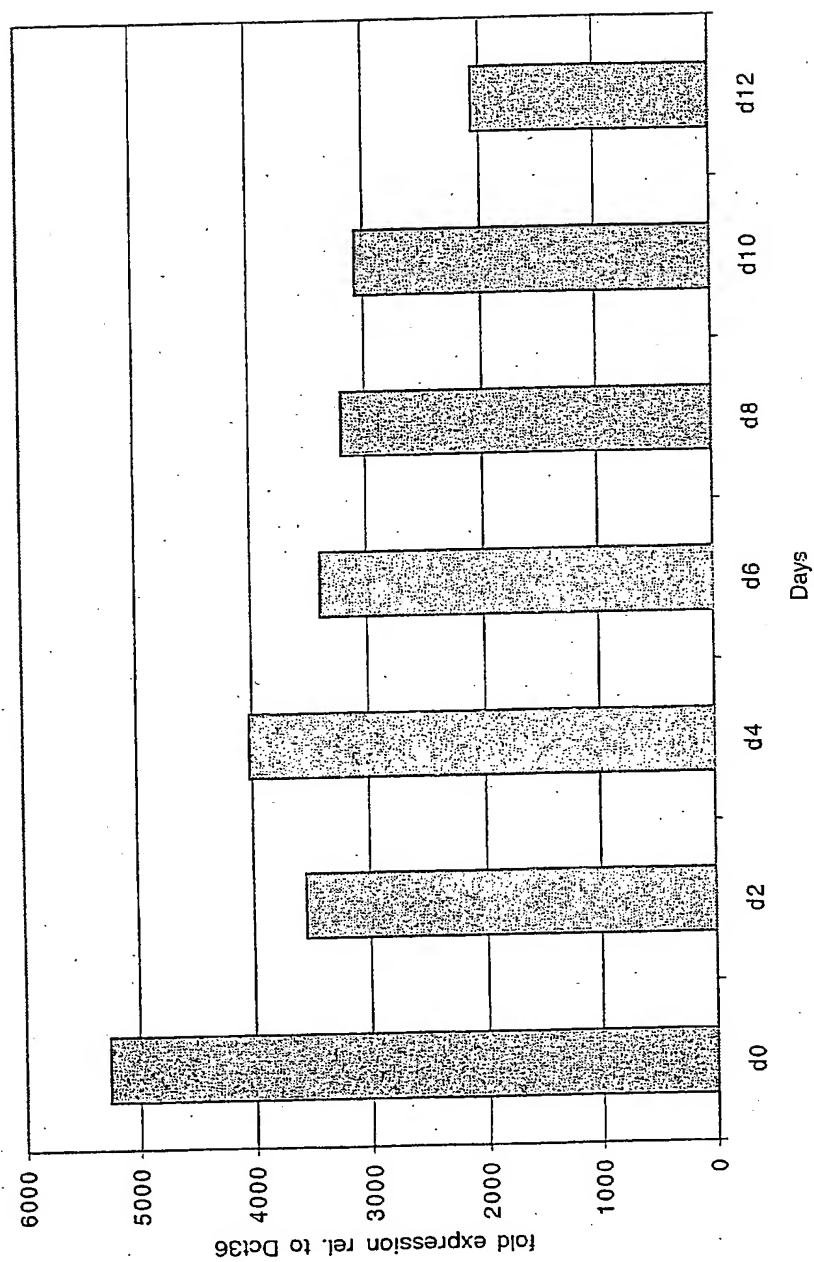
Fig. 2D

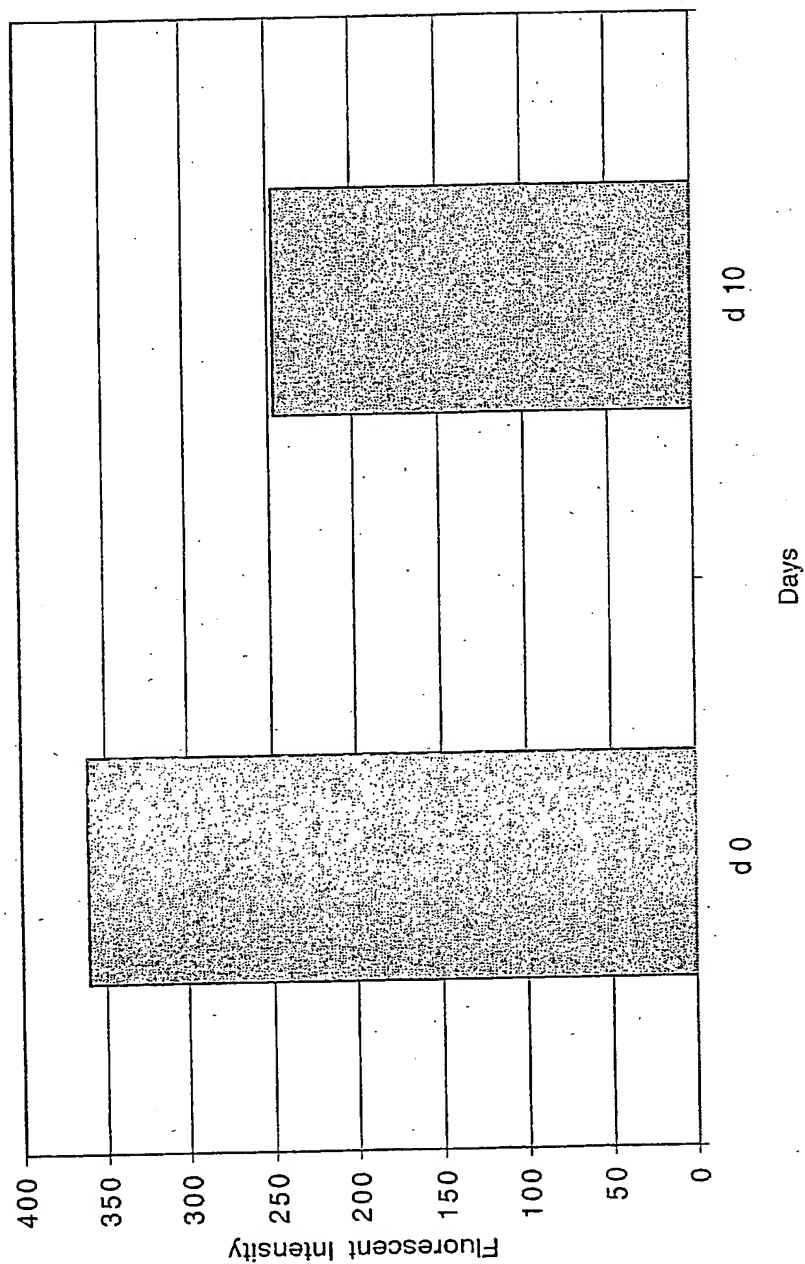Fig. 2E

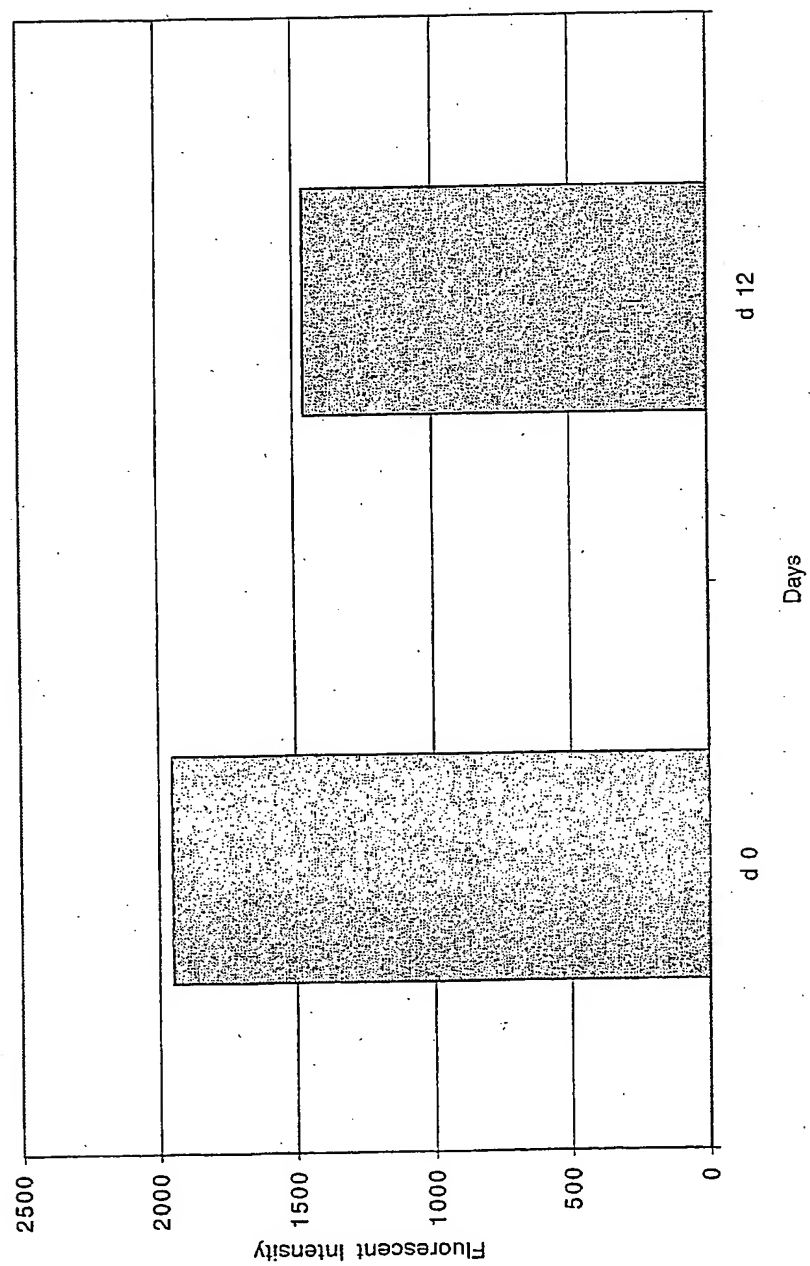Fig. 2F

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 121 cgcgctggtg gcggtcgcct gggtccgcgc cgaggaagag ctaaggagca aatccaagat
 181 ctgtgccaat gtgttttgtg gagccggccg ggaatgtgca gtcacagaga aaggggaacc
 241 cacctgtctc tgcattgagc aatgcaaacc tcacaagagg cctgtgtgtg gcagtaatgg
 301 caagacctac ctcaaccact gtgaactgca tcgagatgcc tgcctcactg gatccaaaat
 361 ccaggttgat tacgatggac actgcaaaga gaagaaatcc gtaagtccat ctgccagccc
 421 agttgtttgc tatcagtcca accgtgatga gctccgacgt cgcatcatcc agtggctgga
 481 agctgagatc attccagatg gctggttctc taaaggcagc aactacagtg aaatcctaga
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 961 ccaaaagcat caggaaacag ctgaaaagac caagagagtg agcaccaaag agatctaatg
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2281 cttcttctct atagaataaa tgaaatcttg ttactagaac aagaaatgtc agatggccaa
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2761 gcacaggcaa ctgtgagaaa ctgttgtgcc aaaaatagaa ttccttctag ttttttcttgt
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2881 ccatctaaaa actcttcaaa ctccacttgt tcagtctgaa atgcagctcc ctgtccaagt
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```

Fig. 3A

```
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3121 agagcaaatc cacattcctc ttgagttctg cagcttctgt gtaaataggg cagctgtcgt
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3241 tggggagtct tccataaagt tttgcatgga gcaaacaaac aggattaaac taggtttggt
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3361 tgtgtagttt tgtaaacact atagcatctg ttaagatcca gtgtccatgg aaacattccc
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3481 aagcccacgt ggaccagtct gaatgtcttt cctttacacc tatgtttta agtagtcaaa
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3661 gatactattg atgaataaag aaattaaagt gaaaaaaaaa aaaaaaaaaa aaaa
```

Fig. 3A (cont.)

```
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121 lrrriiqwle aeiipdgwfs kgsnyseild kyfknfdngd srldsseflk fveqnetain
181 ittypdqenn kllrglcvda lielsdenad wklsfqeflk clnpsfnppe kkcaledety
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301 krvstkei
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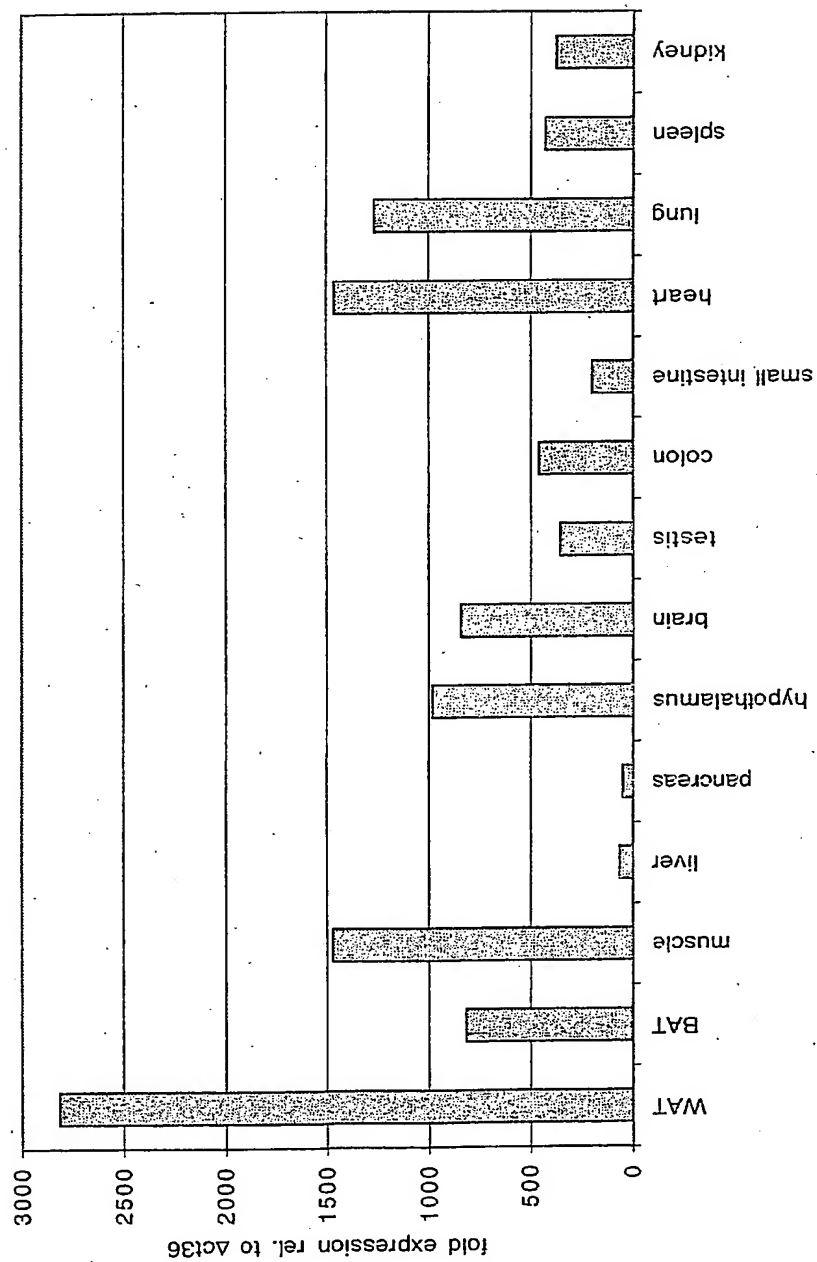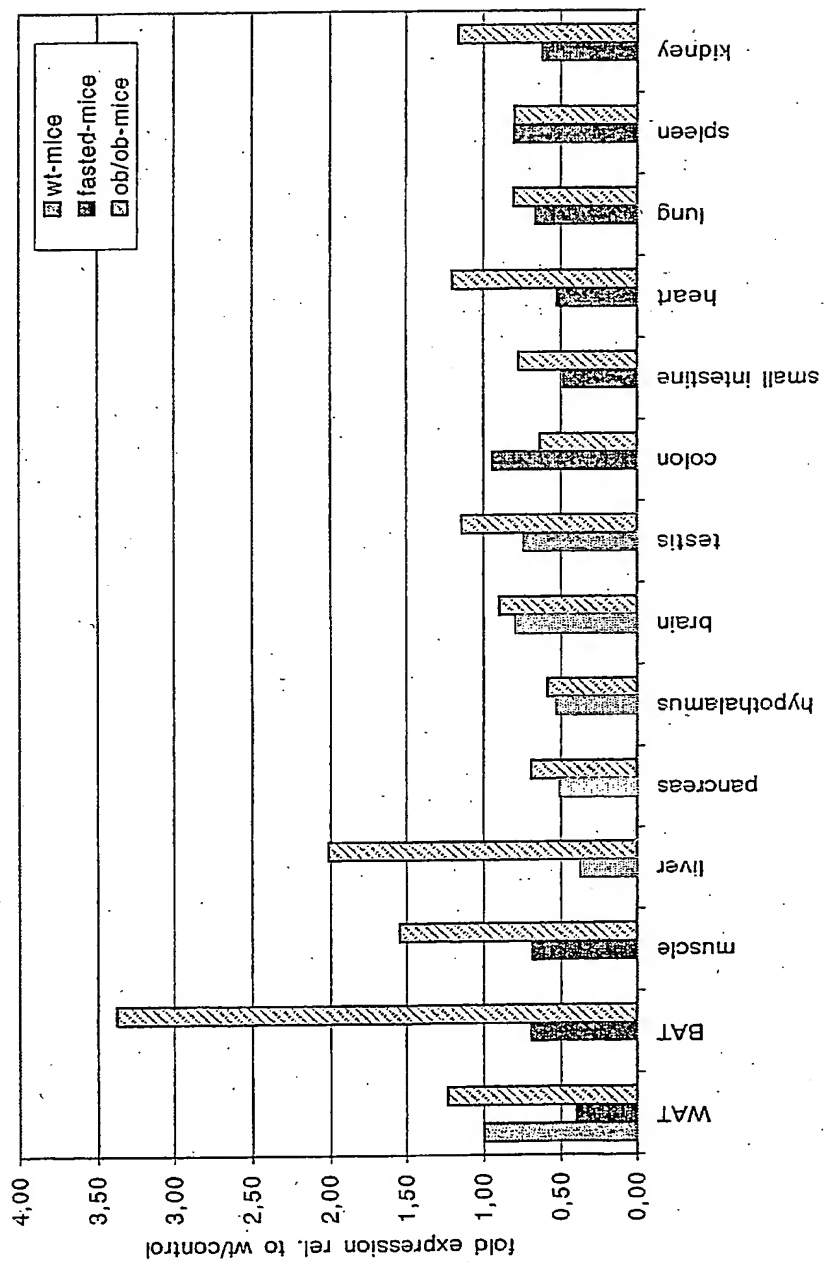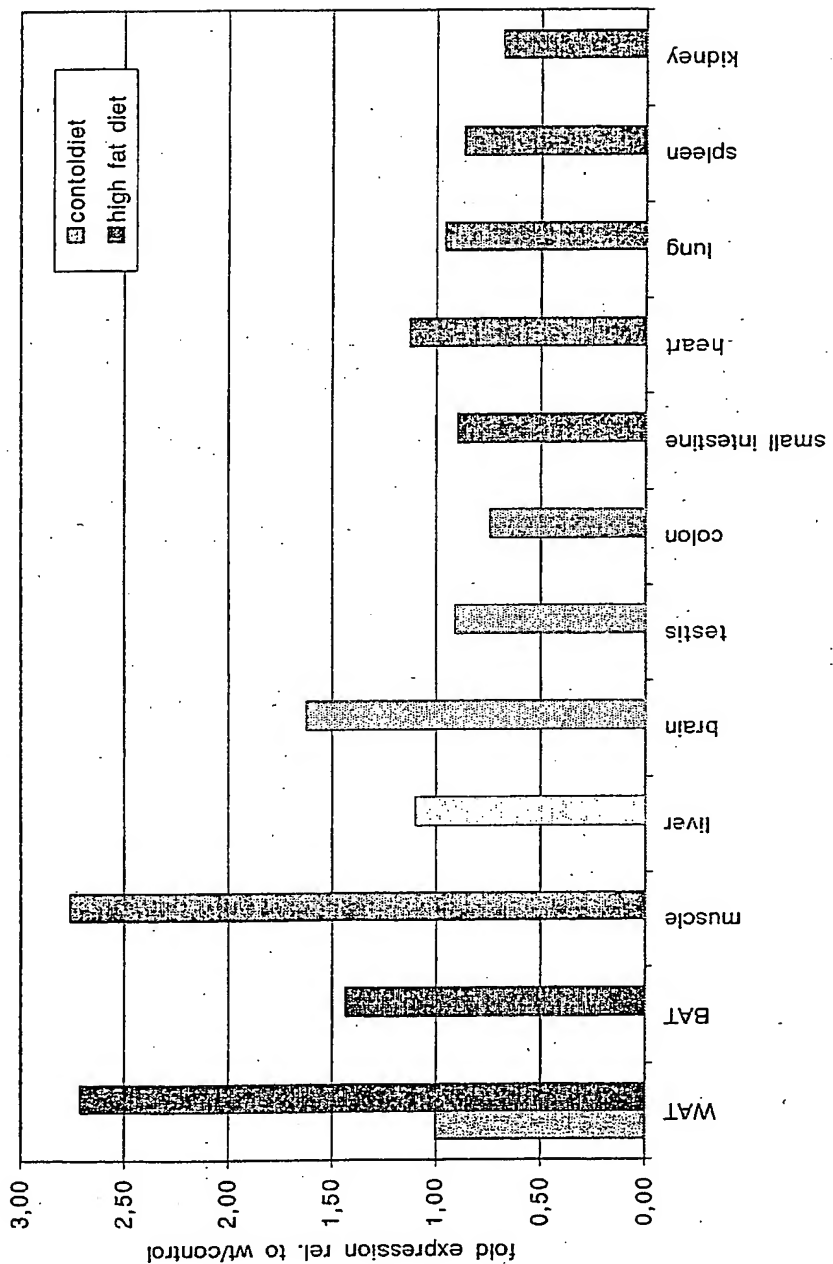
Fig. 3B

Fig. 4A

Fig. 4B

Fig. 4C

Fig. 4D

Fig. 4E